

## SEARCH REQUEST FORM

Requestor's  
Name: \_\_\_\_\_

Serial  
Number: *79491*

Date: \_\_\_\_\_

Phone: \_\_\_\_\_

Art Unit: \_\_\_\_\_

### Search Topic:

Please write a detailed statement of search topic. Describe specifically as possible the subject matter to be searched. Define any terms that may have a special meaning. Give examples or relevant citations, authors, keywords, etc., if known. For sequences, please attach a copy of the sequence. You may include a copy of the broadest and/or most relevant claim(s).

*Jan Delaval  
Reference Librarian  
Biotechnology & Chemical Library  
CM1 1E07 - 703-308-4498  
jan.delaval@uspto.gov*

### STAFF USE ONLY

Date completed: *11/15/92*

Searcher: *JK*

Terminal time: \_\_\_\_\_

Elapsed time: \_\_\_\_\_

CPU time: \_\_\_\_\_

Total time: *1:15*

Number of Searches: \_\_\_\_\_

Number of Databases: \_\_\_\_\_

#### Search Site

STIC

CM-1

Pre-S

#### Type of Search

N.A. Sequence

A.A. Sequence

Structure

Bibliographic

#### Vendors

IG

STN

Dialog

APS

Geninfo

SDC

DARC/Questel

Other

79491

Delaval, Jan

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From: Roark, Jessica  
Sent: Tuesday, November 05, 2002 2:44 PM  
To: Delaval, Jan  
Subject: 09/509,283

Jan,

*around*  
Please update the issued and pending files for the following from 09/509283:

SEQ ID NO:2.

Results on paper please.

Thanks!

*Jessica H. Roark*

CM1 8A03  
Mailbox 9E12  
Art Unit 1644  
703 605-1209

Jan Delaval  
Reference Librarian  
Biotechnology & Chemical Library  
CM1 1E07 - 703-308-4498  
jan.delaval@uspto.gov

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GenCore version 5.1.3

OM protein - protein search, using sw model

Run on: November 5, 2002, 14:45:25 ; Search time 13 Seconds  
(without alignments)

Perfect score: 1082

Sequence: 1 MKSGLWVFFFLCRLRKVLTG.....YMFMRRAWNTAKKSRLTDVNL 199

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 231628 seqs, 2442594 residues

Tc number of hits satisfying chosen parameters: 231628

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Issued\_Patents\_Aa:\*

1: /cgn2\_6/ptodata/1/1aa/5A\_COMB.pep:\*

2: /cgn2\_6/ptodata/1/1aa/5B\_COMB.pep:\*

3: /cgn2\_6/ptodata/1/1aa/6A\_COMB.pep:\*

4: /cgn2\_6/ptodata/1/1aa/6B\_COMB.pep:\*

5: /cgn2\_6/ptodata/1/1aa/PCRS\_COMB.pep:\*

6: /cgn2\_6/ptodata/1/1aa/backfile1.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Match length	DB ID	Description
1	163	15.1	218	3 US-09-228-208A-20	Sequence 20, Appl
2	146.5	13.5	225	1 US-08-505-058-4	Sequence 4, Appl
3	146.5	13.5	225	2 US-08-459-818-24	Sequence 24, Appl
4	146.5	13.5	225	2 US-08-889-666-24	Sequence 24, Appl
5	146.5	13.5	225	2 US-08-465-078-24	Sequence 24, Appl
6	146.5	13.5	225	2 US-08-725-776-24	Sequence 24, Appl
7	146.5	13.5	225	2 US-08-488-062-24	Sequence 24, Appl
8	140	12.9	218	3 US-08-228-208A-19	Sequence 19, Appl
9	134.5	12.4	220	3 US-08-228-208A-21	Sequence 21, Appl
10	134	12.4	225	1 US-08-505-058-3	Sequence 3, Appl
11	134	12.4	225	2 US-08-459-818-23	Sequence 23, Appl
12	134	12.4	225	2 US-08-889-666-23	Sequence 23, Appl
13	134	12.4	225	2 US-08-465-078-23	Sequence 23, Appl
14	134	12.4	225	2 US-08-725-776-23	Sequence 23, Appl
15	134	12.4	225	2 US-08-488-062-23	Sequence 23, Appl
16	11.6	11.6	223	1 US-08-505-058-5	Sequence 5, Appl
17	12.6	11.6	223	2 US-08-459-818-25	Sequence 25, Appl
18	11.6	11.6	223	2 US-08-889-666-25	Sequence 25, Appl
19	12.6	11.6	223	2 US-08-465-078-25	Sequence 25, Appl
20	11.6	11.6	223	2 US-08-725-776-25	Sequence 25, Appl
21	12.6	11.6	223	2 US-08-488-062-25	Sequence 25, Appl
22	120.5	11.1	367	3 US-08-630-172-19	Sequence 19, Appl
23	120.5	11.1	367	4 US-08-375-419-19	Sequence 19, Appl
24	119.5	11.0	134	3 US-08-630-172-3	Sequence 3, Appl
25	119.5	11.0	134	4 US-09-375-419-3	Sequence 3, Appl
26	110.5	10.2	110	4 US-09-460-384-33	Sequence 33, Appl
27	93	221	3 US-08-228-208A-22	Sequence 22, Appl	

ALIGNMENTS

RESULT 1  
US 08-228-208A-20  
Sequence 20, Application US/08228208A  
Patent No. 6090514

GENERAL INFORMATION:

APPLICANT: Linsley, Peter S.

APPLICANT: Ledbetter, Jeffrey A.

APPLICANT: Damle, Nitin K.

APPLICANT: Brady, William

APPLICANT: Wallace, Philip M.

TITLE OF INVENTION: CTLA4/CD28 Ig HYBRID FUSION PROTEINS AND USES THEREOF

NUMBER OF SEQUENCES: 22

CORRESPONDENCE ADDRESS:

ADDRESSEE: Merchant & Gould  
STREET: 11150 Santa Monica Boulevard, Suite 400  
CITY: Los Angeles  
STATE: CA  
COUNTRY: USA  
ZIP: 90025

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FastSEQ Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/228-208A

FILING DATE: 15-APR-1994

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/008,898

FILING DATE: 22-JAN-1993

APPLICATION NUMBER: 07/723,617

FILING DATE: 27-JUN-1991

ATTORNEY/AGENT INFORMATION:

NAME: Adriano, Sarah B.

REGISTRATION NUMBER: 34,470

REFERENCE/DOCKET NUMBER: 30436-300501

TELECOMMUNICATION INFORMATION:

TELEPHONE: 310 445-1140

TELEFAX: 310 445-9031

TELEX:

INFORMATION FOR SEQ ID NO: 20:

SEQUENCE CHARACTERISTICS:

LENGTH: 218 amino acids

TYPE: amino acid

STRANDEDNESS: unknown

TOPOLOGY: linear

MOLECULE TYPE: Protein

US-08-228-208A-20



APPLICANT: Ledbetter, Jeffrey A.  
 APPLICANT: Damle, Nitin K.  
 APPLICANT: Brady, William  
 APPLICANT: Kiener, Peter A.  
 TITLE OF INVENTION: CTLA4 Receptor and Uses Thereof  
 NUMBER OF SEQUENCES: 26  
 CORRESPONDENCE ADDRESS:  
 ADDRESSE: Merchant & Gould  
 STREET: 11150 Santa Monica Blvd., Suite 400  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: USA  
 ZIP: 90025  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: FLOPPY disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentin Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/889,666  
 FILING DATE: 08-JUL-1997  
 CLASSIFICATION: 435  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: US 08/375390  
 FILING DATE: 18-JAN-1995  
 CLASSIFICATION: 435  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Adriano, Sarah B.  
 REGISTRATION NUMBER: 34,470  
 REFERENCE/DOCKET NUMBER: 30436-35US01  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 310-445-1140  
 TELEFAX: 310-445-9031  
 INFORMATION FOR SEQ ID NO: 24:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 225 amino acids  
 STRANDEDNESS:  
 TOPOLOGY: Linear  
 MOLECULE TYPE: Protein  
 US-08-889-666-24

Query Match 13.5% Score 146.5; DB 2; Length 225;  
 Best Local Similarity 26.2%; Pred. No. 2.7e-09; DB 2;  
 Matches 42; Conservative 31; Mismatches 64; Indels 23; Gaps 9;  
 Matches 42; Conservative 31; Mismatches 64; Indels 23; Gaps 9;

Qy 30 MFTIFHNGVQIL-CKYKD--IVQOKMQLKGQQLCDLTKT-KGSGNTVSIKSLK--- 81  
 Db 30 LIVYDNEVKSISCRYSYNNLAKEFASLYRK--.VNSDVXEVCGVNGNFTYOPQRPNVG 87  
 Qy 82 -FCHSQLSNNSVSEFLYNLDSHANYFCNLSIFDPPPF--KVTLGGYLHIVYSQLC-- 136  
 Db 88 FNCGDGFNDFNETVFRNLWDVNHDTIYFCKIEVMPYPLDNEKSNOTIHIKEKHLCHA 147  
 Qy 137 ---CQIKFWLPIGCAKAVVWC--ILGCILTC--WLTKKK 168  
 Db 148 XXXQTSPKLFPLVWVAGVLLCYGLVYVTCIILWNSRR 187

RESULT 5  
 US-08-465-078-24  
 Sequence 24, Application US/08465078  
 Patent No. 5883796  
 GENERAL INFORMATION:  
 APPLICANT: Linsley, Peter S.  
 APPLICANT: Ledbetter, Jeffrey A.  
 APPLICANT: Damle, Nitin K.  
 APPLICANT: Brady, William  
 APPLICANT: Kiener, Peter A.  
 TITLE OF INVENTION: CTLA4 Receptor and Uses Thereof  
 NUMBER OF SEQUENCES: 26  
 CORRESPONDENCE ADDRESS:  
 ADDRESSE: Merchant & Gould  
 STREET: 11150 Santa Monica Blvd., Suite 400  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: USA  
 ZIP: 90025  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/725,776  
 FILING DATE:  
 CLASSIFICATION:  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: US 08/375390  
 FILING DATE: 18-JAN-1995  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Adriano, Sarah B.  
 REGISTRATION NUMBER: 34,470  
 REFERENCE/DOCKET NUMBER: 34,470  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 310-445-1140  
 TELEFAX: 310-445-9031  
 INFORMATION FOR SEQ ID NO: 24:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 225 amino acids  
 TYPE: amino acid  
 STRANDEDNESS:  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 SEQ ID NO: 24  
 LENGTH: 225  
 MISMATCHES: 64  
 PERCENT LOCAL SIMILARITY: 26.2%  
 PERCENT CONSERVATIVE: 31  
 PRED. NO.: 2.7e-09  
 SEQUENCE:  
 MFPHFHGGVQLCKYKD--IYQEQKMQLLKGQIICDLTKT-KV  
 LLYVDDNEEXSISCRCSYNSLAKRASFLYKCD--VNSDXEVCVW  
 FCHSQLNSNSYFFFLKVLDSHANYVFCNLISIFDPDPF--KVT  
 FNCGDNEFNTYFLRNLWDVNHDTIYCKIEVMMPPYQYLDNEK  
 CQLKFWLPIGCAAFVVC--ILGCLIG--WLTKKK 168  
 XXXQTSPKLFWPLVWVAGVLCYGLYVTLGIIWTSRR 187

PCT/US98/488-062-24  
 Sequence 24 Application US/08488062  
 Patent No. 5,977,318  
 GENERAL INFORMATION:  
 APPLICANT: Linsley, Peter S.  
 APPLICANT: Ledbetter, Jeffrey A.  
 APPLICANT: Damle, Nitin K.  
 APPLICANT: Brady, William  
 APPLICANT: Kiener, Peter A.  
 TITLE OF INVENTION: CML4 Receptor and Uses Ther  
 NUMBER OF SEQUENCES: 26  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEES: Merchant & Gould  
 STREET: 11150 Santa Monica Blvd., Suite 400  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: USA  
 ZIP: 90025  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/488-062  
 FILING DATE: 07-JUN-1995  
 CLASSIFICATION: 435  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: US 08/375390  
 FILING DATE: 18-JAN-1995  
 ATTORNEY/AGENT INFORMATION:

TELEX: INFORMATION FOR SEQ ID NO: 19:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 218 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: unknown  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 US-08-228-208A-19

Query Match 12.9%; Score 140; DB 3; Length 218;  
 Best Local Similarity 25.7%; Pred. No. 1.5e-08;  
 Matches 39; Conservative 24; Mismatches 61; Indels 28; Gaps 7;  
 Db 37 VSLSCRYSYNLAKERASLYKG--VNSDVEVCVGNGNFTVQPOFERSNAEFCNDGDFDNE 94  
 Qy 91 SVSFLFLYNNLDHSHANYFCNLISIDFDPFF--KVTLTGGYLHYESOLC---CQLFWLPL 144  
 Dp 95 TVTFLRMLNHLNHTDIFCKIEFMPPPYLDNERSNCTIHKLCHTOSSPKLFW- 152

Query Match 12.4%; Score 134; DB 1; Length 225;  
 Best Local Similarity 23.0%; Pred. No. 8e-08;  
 Matches 42; Conservative 32; Mismatches 77; Indels 32; Gaps 8;  
 Db 11 FCLRIKVLGEINGSSANYEMFHHGGVOLCKPD- IVOQFKMQLKGQIICDLTKT 68

RESULT 9  
 US-08-228-208A-21  
 Sequence 21, Application US/08228208A  
 Patent No. 6190914

GENERAL INFORMATION:  
 APPLICANT: Linsley, Peter S.  
 APPLICANT: Ledbetter, Jeffrey A.  
 APPLICANT: Dahl, Nitin K.  
 APPLICANT: Brady, William  
 APPLICANT: Wallace, Phillip M.  
 TITLE OF INVENTION: C7LA4/CDX81G HYBRID FUSION  
 NUMBER OF SEQUENCES: 22  
 NUMBER OF INVENTION: PROTEINS AND USES THEREOF  
 NUMBER OF SEQUENCES: 22  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEES: Merchant & Gould  
 STREET: 11150 Santa Monica Boulevard, Suite 400  
 CITY: Los Angeles  
 STATE: CA  
 COUNTRY: USA  
 ZIP: 90025

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent In Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/505, 058  
 FILING DATE:  
 CLASSIFICATION: 435  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: 08/228, 208  
 FILING DATE: 15-APR-1994  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Adriano, Sarah B.  
 REGISTRATION NUMBER: 34,470  
 REFERENCE/DOCKET NUMBER: 30436.30US11

TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 310-445-1140  
 TELEFAX: 310-445-9031

INFORMATION FOR SEQ ID NO: 21:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 220 amino acids  
 TYPE: amino acid

TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 310 445-1140  
 TELEFAX: 310 445-9031

INFORMATION FOR SEQ ID NO: 21:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 220 amino acids  
 TYPE: amino acid

RESULT 10  
 US-08-505-058-3  
 Sequence 3, Application US/08505058  
 Patent No. 577353

GENERAL INFORMATION:  
 APPLICANT: Linsley, Peter S.  
 APPLICANT: Ledbetter, Jeffrey A.  
 APPLICANT: Peach, Robert  
 TITLE OF INVENTION: C7LA4 Mutant Molecules and Uses Thereof  
 NUMBER OF SEQUENCES: 13  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEES: Merchant & Gould  
 STREET: 11150 Santa Monica Blvd., Suite 400  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: USA  
 ZIP: 90025

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent In Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/505, 058  
 FILING DATE:  
 CLASSIFICATION: 435  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: 08/228, 208  
 FILING DATE: 15-APR-1994  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Adriano, Sarah B.  
 REGISTRATION NUMBER: 34,470  
 REFERENCE/DOCKET NUMBER: 30436.30US11

TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 310-445-1140  
 TELEFAX: 310-445-9031

INFORMATION FOR SEQ ID NO: 3:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 225 amino acids  
 TYPE: amino acid

RESULT 11  
 US-08-505-058-3  
 Query Match 12.4%; Score 134; DB 1; Length 225;  
 Best Local Similarity 23.0%; Pred. No. 8e-08;  
 Matches 42; Conservative 32; Mismatches 77; Indels 32; Gaps 8;

QY 69 -KGSGNTVSIKSLF----CHSOLSNNSVSFLYNDHSHANYFCNLSIFDPPF--K 120  
Db 70 CVGNGNFTYQFQRNSAENFGDGFNETVFRMLNHVNHTDIYCKIEFMPYPPYLDN 129  
QY 121 VTLTGGYLHTYESQLC-----CQKFWLPIGCAAFVVCILGC-----ILICMLT 165  
Db 130 ERSNTIHIKEKHLCHTXXQSPKLFW----ALYVAGVLFECYGLVLTVALCVIWTN 184  
QY 166 KKK 168  
Db 185 SRR 187

RESULT 11  
US-08-459-818-23  
; Sequence 23, Application US/08459818  
; Patent No. 5851795  
; GENERAL INFORMATION:  
; APPLICANT: Ledbetter, Jeffrey A.  
; APPLICANT: Damle, Nitin K.  
; APPLICANT: Brady, William  
; TITLE OF INVENTION: CTLA4 Receptor and Uses Thereof  
; NUMBER OF SEQUENCES: 27  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Merchant & Gould  
; COMPUTER: IBM PC compatible  
; STREET: 11150 Santa Monica Blvd., Suite 400  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: USA  
; ZIP: 90025  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: FastSeq 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/459,818  
; FILING DATE: 02-JUN-1995  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Adriano, Sarah B.  
; REGISTRATION NUMBER: 34,470  
; REFERENCE/DOCKET NUMBER: 30436.35US02  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 310-445-1140  
; TELEFAX: 310-445-9031  
; INFORMATION FOR SEQ ID NO: 23:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 225 amino acids  
; TYPE: amino acid  
; STRANDEDNESS:  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; US-08-459-818-23

Query Match 12.4%; Score 134; DB 2; Length 225;  
Best Local Similarity 23.0%; Pred. No. 8e-08; Gaps 8;  
Matches 42; Conservative 32; Mismatches 77; Indels 32; Gaps 8;

QY 11 FCLRIKVLTGEINGSANVEMFHHNGVQVILCKPD--IVQOKFMQKLGGQILCDLKT 68  
Db 12 FFXSYVQTEENKLVQKPLVYDSNEVXSLSCRYSNLLAKERASLYKG--VNSDVXEV 69  
QY 69 -KGSGNTVSIKSLF----CHSOLSNNSVSFLYNDHSHANYFCNLSIFDPPF--K 120  
Db 70 CVGNGNFTYQFQRNSAENFGDGFNETVFRMLNHVNHTDIYCKIEFMPYPPYLDN 129  
QY 121 VTLTGGYLHTYESQLC-----CQKFWLPIGCAAFVVCILGC-----ILICMLT 165  
Db 130 ERSNTIHIKEKHLCHTXXQSPKLFW----ALYVAGVLFECYGLVLTVALCVIWTN 184  
QY 166 KKK 168  
Db 185 SRR 187

RESULT 12  
US-08-889-666-23  
; Sequence 23, Application US/08889666  
; Patent No. 5885579  
; GENERAL INFORMATION:  
; APPLICANT: Linsley, Peter S.  
; APPLICANT: Kiener, Peter A.  
; TITLE OF INVENTION: CTLA4 Receptor and Uses Thereof  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Merchant & Gould  
; STREET: 11150 Santa Monica Blvd., Suite 400  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: USA  
; ZIP: 90025  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/889,666  
; FILING DATE: 08-JUL-1997  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Adriano, Sarah B.  
; REGISTRATION NUMBER: 34,470  
; REFERENCE/DOCKET NUMBER: 30436-35US01  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 310-445-1140  
; TELEFAX: 310-445-9031  
; INFORMATION FOR SEQ ID NO: 23:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 225 amino acids  
; TYPE: amino acid  
; STRANDEDNESS:  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; US-08-889-666-23

Query Match 12.4%; Score 134; DB 2; Length 225;  
Best Local Similarity 23.0%; Pred. No. 8e-08; Gaps 8;  
Matches 42; Conservative 32; Mismatches 77; Indels 32; Gaps 8;

QY 11 FCLRIKVLTGEINGSANVEMFHHNGVQVILCKPD--IVQOKFMQKLGGQILCDLKT 68  
Db 12 FFXSYVQTEENKLVQKPLVYDSNEVXSLSCRYSNLLAKERASLYKG--VNSDVXEV 69  
QY 69 -KGSGNTVSIKSLF----CHSOLSNNSVSFLYNDHSHANYFCNLSIFDPPF--K 120  
Db 70 CVGNGNFTYQFQRNSAENFGDGFNETVFRMLNHVNHTDIYCKIEFMPYPPYLDN 129  
QY 121 VTLTGGYLHTYESQLC-----CQKFWLPIGCAAFVVCILGC-----ILICMLT 165  
Db 130 ERSNTIHIKEKHLCHTXXQSPKLFW----ALYVAGVLFECYGLVLTVALCVIWTN 184  
QY 166 KKK 168  
Db 185 SRR 187

RESULT 13  
 US-08-455-078-23  
 Sequence 23, Application US/08465078  
 Patent No. 588596  
 GENERAL INFORMATION:  
 APPLICANT: Linsley, Peter S.  
 APPLICANT: Ledbetter, Jeffrey A.  
 APPLICANT: Damle, Nitin K.  
 APPLICANT: Brady, William  
 APPLICANT: Kiener, Peter A.  
 TITLE OF INVENTION: CTLA4 Receptor and Uses Thereof  
 NUMBER OF SEQUENCES: 26  
 ADDRESSEE: Merchant & Gould  
 STREET: 11150 Santa Monica Blvd., Suite 400  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: USA  
 ZIP: 90025  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentin Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/465,078  
 FILING DATE: 05-JUN-1995  
 CLASSIFICATION: 435  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: US 08/375390  
 FILING DATE: 18-JAN-1995  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Adriano, Sarah B.  
 REGISTRATION NUMBER: 34,470  
 REFERENCE/DOCKET NUMBER: 30436-35US01  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 310-445-1140  
 FAX: 310-445-9031  
 INFORMATION FOR SEQ ID NO: 23:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 225 amino acids  
 TYPE: amino acid  
 STRANDEDNESS:  
 MOLECULE TYPE: linear  
 US-08-465-078-23  
 Y Match 12.4%; Score 134; DB 2; Length 225;  
 Local Similarity 23.0%; Pred. No. 8e 08;  
 Matches 42; Conservative 32; Mismatches 77; Indels 32; Gaps 8;  
 QY 11 FCLURKVLGEINGSANVEMFIFHNGVQILCKPD--IVQQPKMQLIKGGQILCDLTKT 68  
 Db 12 FFXSVQVQENKILVKQSPFLYVDSNEVXLSICRYSYNLAKERASLYKG--VNSDYEKV 69  
 QY 69 -KGSGNTVSIKSLKF---CHSQLNNSVSEFLYNDLHSANYYFCNLSIDFPPPF--K 120  
 Db 70 CVGNGNTIQFQFRSNAEFCGDFDNETVFRMLNLHVHNTIDFCKIEFMPYPLDN 129  
 QY 121 VLTGGYLHIVESOLC-----CQLKFWLPIGCAFVWVCLGC-----ILICWLT 155  
 Db 130 ERSNTIITHIKEKHLCHTXXQSSPKLFW---ALYVWAGVLFCYGLVLTVALCVIWTN 184  
 QY 166 KKK 168  
 Db 185 SRR 187  
 RESULT 15  
 US-08-488-062-23  
 Sequence 23, Application US/08488062  
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